

# PRACTICAL PATHOLOGY FOR PHARMACY STUDENTS

Section 2

# Acute diffuse suppurative appendicitis

**Specimen:** appendix •

**Size:** increased (swollen by edema) •

**Color:** yellowish red (pus+hyperaemia) with •  
bluish brown dots of hemorrhage

**Surface:** peritoneal covering is dull opaque, •  
lost normal luster (due to peritonitis)



Areas of congestion

Marked congestion  
with bluish brown  
dots of hemorrhage





Dull opaque peritoneal covering



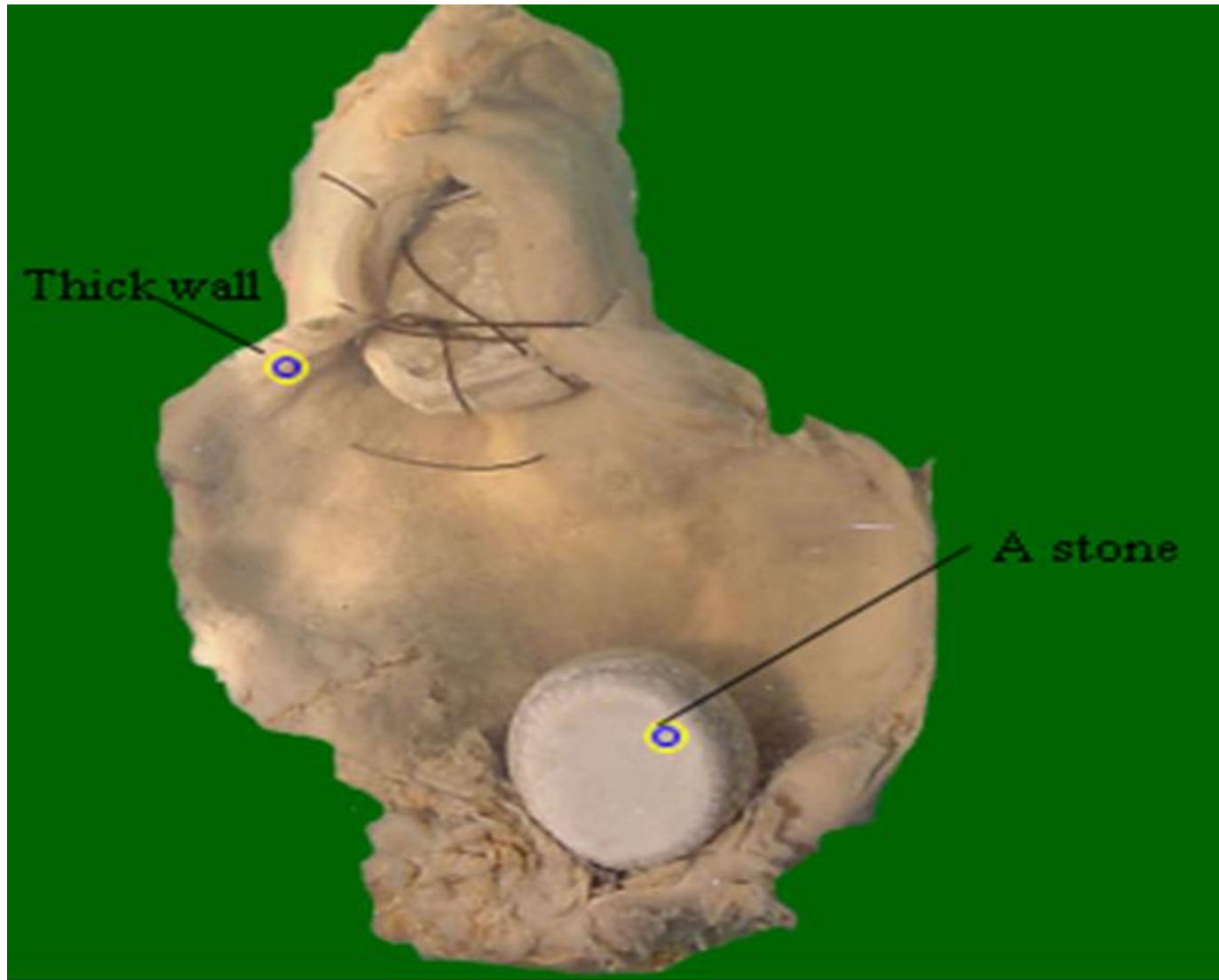
# Cellulitis



SPL/science source



# Chronic calcular cholecystitis







# Fibrinous pleurisy

**Specimen:** left lung •

**Shape:** longitudinal section of lung •

**Surface:** pleura is dull opaque, thickened, •  
adherent to underlying lung tissue (due to fibrin)

**C\S:** lung parenchyma normal appearing, •

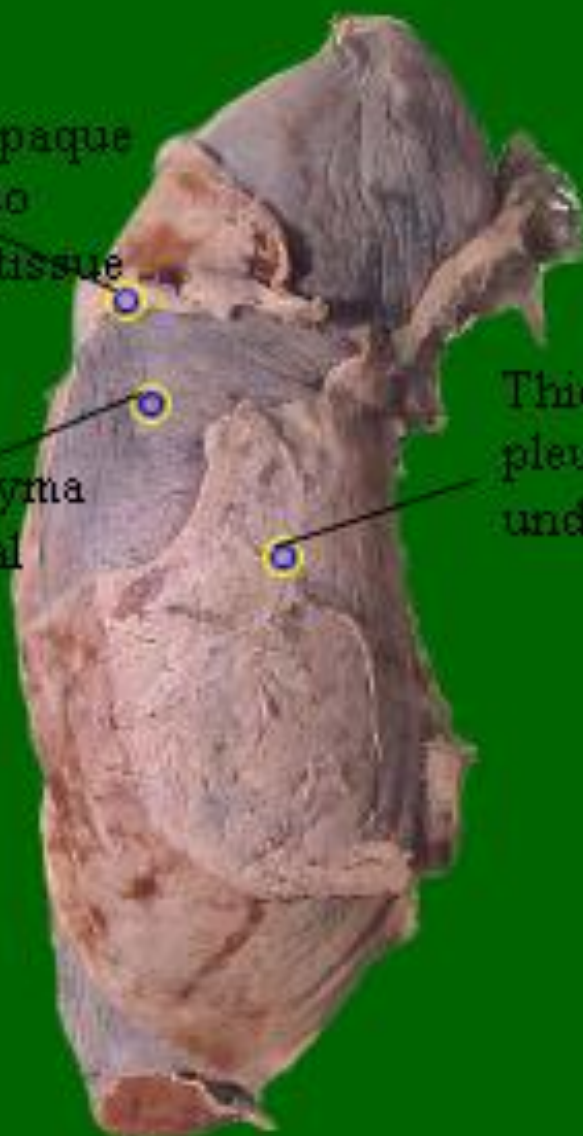
- pleural membrane thickness about 2mm, red threads of hyperaemia on outer surface of visceral pleura and inner surface of parietal pleura

## Fibrinous Pleurisy

Thickened dull opaque  
pleura adherent to  
underlying lung tissue

Lung parenchyma  
appears normal

Thickened dull opaque  
pleura adherent to  
underlying lung tissue



## Fibrinous Pleurisy



# Chronic suppurative lung abscess and Pleural adhesions

**Specimen:** right lung •

**Shape:** wedge shaped •

**Consistency:** firm •

**C/S:** shows a Cavity → •

\***Number:** solitary cavity •

\***Site:** middle & lower parts of lung •

\***Shape:** oval •

\***Size:** 12x3cm •

\***Wall:** thickened, grayish white (fibrosed as evidenced by the patent cavity) •

\***Lining:** smooth, covered by yellowish (suppurative inflammation), traversed (remnants of bronchi & vessels) exudate by thick cords •

**Surrounding lung tissue:** anthracotic, collapsed •

**Surface:** pleura is thickened, adherent (fibrosis) •



## Chronic Suppurative Lung Abscess, Pleural Adhesions



A gross specimen of a lung, likely from a pig, showing a large, irregular, brownish-tan mass representing a chronic suppurative lung abscess. The mass is surrounded by a thick, brownish-yellow exudate. The surface of the mass is irregular and textured. Several lines with yellow circular markers point to specific features: one points to the top of the mass, another points to the thickened cord in the lining, and a third points to the smooth lining with brownish-yellow exudate.

Abscess cavity

Thickened cord in the lining representing remnants of bronchi and blood vessels

Lining is smooth with brownish yellow exudate

# Chronic Suppurative Lung Abscess, Pleural Adhesions





# Carbuncle



# Granuloma



# Thank You

